

NOMENCLATURAL COMBINATIONS IN *DIGITARIA* (POACEAE: PANICEAE)

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ABSTRACT

While writing the treatment of *Digitaria* for *The Manual of North American Grasses* the following nomenclatural combinations became necessary: *Digitaria filiformis* (L.) G. Köler var. *dolichophylla* (J. Henrard) *comb. et stat. nov.*; and *Digitaria filiformis* (L.) G. Köler var. *laeviglumis* (M. Fernald) *comb. et stat. nov.* A more in-depth discussion will be provided in the treatment of *Digitaria*.

KEY WORDS: *Digitaria*, *Digitaria filiformis*, *Digitaria dolichophylla*, *Digitaria laeviglumis*, nomenclature, Poaceae

Digitaria filiformis (L.) G. Köler var. *dolichophylla* (J. Henrard) J. Wipff *comb. et stat. nov.* BASIONYM: *Digitaria dolichophylla* J. Henrard, *Blumea* 1:94. 1934. TYPUS: UNITED STATES. Florida: Dade County; Buena Vista, 5 Dec 1903, A.A. Eaton 459 (HOLOTYPE: L; Isotype: US).

This variety is found in moist pine barrens and open areas in southern Florida, Cuba, and Puerto Rico. As Henrard (1950) reported, the characters of the spikelets are not sufficiently different from *Digitaria filiformis*, but differs from the latter species in its distinctive vegetative characteristics. The plants are glabrous, leaves mostly 1 mm or less wide, and growing in dense tufts. These morphological differences coupled with its geographical distribution warrant its recognition at the varietal level.

Digitaria filiformis (L.) G. Köler var. *laeviglumis* (M. Fernald) J. Wipff, *comb. et stat. nov.* BASIONYM: *Digitaria laeviglumis* M. Fernald, *Rhodora* 22:102. 1920. TYPUS: UNITED STATES. New Hampshire: Hillsborough County; Manchester, rare, 11 Sept 1901, F.W. Batchelder (HOLOTYPE: G!).

Similar to *Digitaria filiformis* var. *filiformis* except for the glabrous spikelets, and being endemic to the sands of New England (Fernald 1920).

Key to the varieties of *Digitaria filiformis*

1. Spikelets glabrous; endemic to sands of New England.....
.....*D. filiformis* var. *laeviglumis*
1. Spikelets pubescent; found in the eastern 1/2 of United States, West Indies, México, and Central America.
 2. Plants basally papillose hirsute; cauline leaves more than 1 mm wide; found in the eastern 1/2 of the United States, West Indies, México, and Central America.....*D. filiformis* var. *filiformis* (including *D. villosa*)
 2. Plants glabrous; cauline leaves 1 mm or less wide; found in southern Florida, Cuba, and Puerto Rico.....*D. filiformis* var. *dolichophylla*

A more in-depth discussion of the above taxa will be provided in the forthcoming *The Manual of North American Grasses*.

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LITERATURE CITED

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 Henrard, J.T. 1950. *Monograph of the genus Digitaria*. Leiden: Universitaire Pers Leiden, Holland.